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JC952 U.S. PTO

04-30-01

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JC971 U.S. PTO
09/844530

04/27/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Miller and Ghahghahi
Title: Ball Assignment for Ball Grid Array Package
Filing date: 2001.04.27
Express mail number: EL 600 510 739 US
Attorney docket: 01-008
Customer number: 000408

UTILITY PATENT APPLICATION TRANSMITTAL

Box Patent Application
Assistant Commissioner for Patents
Washington DC 20231

Sir:

Transmitted herewith for filing is the patent application described above. Enclosed are:

Specification (22 pages total).
 Drawings (10 sheets total).
 Declaration and power of attorney (3 pages total).
 Assignment with cover sheet (2 pages total).
 Information disclosure statement and PTO-1449 (# pages total).
 Copies of IDS citations (# documents total).
 Check in the amount of \$#.
 Return receipt postcard with all items specifically itemized.

	# Filed	# Extra	Small Entity Rate	Fee	Large Entity Rate	Fee
Basic Fee			@ 355	\$	@ 710	\$710
Total Claims	32 - 20	= 12	@ \$9	\$	@ \$18	\$216
Independent Claims	3 - 3	= 0	@ \$40	\$	@ \$80	\$
Multiple Dependent Claims		= 0	+\$135	\$	+\$270	\$
Total				\$		\$926

The Commissioner is hereby authorized to charge payment of filing fees under 37 C.F.R. § 1.16 and processing fees under 37 C.F.R. § 1.17, and credit any overpayment to the **LSI Logic Corporation deposit account number 12-2252**.

2001.04.27

Date

Rick Barnes

Rick Barnes, 39,596

NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

2001.04.27

Date

Rick Barnes

Rick Barnes, 39,596

Under the Paperwork Reduction Act of 1995, persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

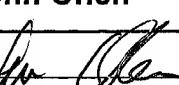
Patent Fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 0.00)

Complete if Known	
Application Number	09/844,530
Filing Date	April-27, 2001
First Named Inventor	Leah Miller
Group Art Unit	2841
Examiner Name	Ishwar B. Patel
Attorney Docket No.	56248.US / 01-008

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																							
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payment to: Deposit Account Number 12-2252 Deposit Account Number LSI LOGIC CORPORATION <input checked="" type="checkbox"/> Charge Any Additional Fee required Under 37 C.F.R. 1.18 at the Mailing of the Notice of		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Larg eFee Code (\$)</th> <th>Entit yFee Code (\$)</th> <th>Larg eFee Code (\$)</th> <th>Entit yFee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td><input type="checkbox"/></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td><input type="checkbox"/></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td><input type="checkbox"/></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing request for reexamination</td><td><input type="checkbox"/></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920</td><td>Requesting publication of SIR prior to Examiner action</td><td><input type="checkbox"/></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td><input type="checkbox"/></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td><input type="checkbox"/></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td><input type="checkbox"/></td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for reply within third month</td><td><input type="checkbox"/></td></tr> <tr><td>118</td><td>1510</td><td>218</td><td>755</td><td>Extension for reply within fourth month</td><td><input type="checkbox"/></td></tr> <tr><td>128</td><td>2,060</td><td>228</td><td>1,030</td><td>Extension for reply within fifth month</td><td><input type="checkbox"/></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td><input type="checkbox"/></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td><input type="checkbox"/></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td><input type="checkbox"/></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td><input type="checkbox"/></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - 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Typed or printed name	John Chen			Reg. Number	39,136																																																																																																																																																																																				
Signature			Date	12/19/01																																																																																																																																																																																					
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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
Fee Record Sheet

05/03/2001 MWOLDER1 00000015 122252 09844530

01 FC:101 710.00 CH
02 FC:103 216.00 CH

PTO-1556
(5/87)